

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Eng Whatt Toh, Kok Khuan Fong, Raj Maharjan Madhav and Kok Hoon Teo

APPLICATION NO.: 09/981,588

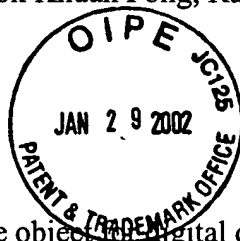
FILING DATE: October 16, 2001

TITLE: Universal signature object for digital data

EXAMINER: Unknown

GROUP ART UNIT: 2131

ATTY. DKT. NO.: 20735-05504



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**CERTIFICATE OF MAILING**

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Dated: January 16, 2002

By: Bradley D. Baugh  
Bradley D. Baugh, Reg. No. P50,368

COMMISSIONER FOR PATENTS  
WASHINGTON, DC. 20231

**INFORMATION DISCLOSURE STATEMENT**

**Under 37 CFR §§ 1.56 and 1.97-98**

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO-1449 listing references for consideration by the Examiner. A copy is enclosed herewith of each listed reference which may be material to the examination of this application, and with respect to which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).

The Information Disclosure Statement submitted herewith is being filed:



- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first official action on the merits, whichever event last occurred;  
OR  
☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;  
☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either:

- (1) a final action under 37 CFR §1.113; OR  
(2) a notice of allowance under 37 CFR §1.311; AND  
☐ attached hereto is the fee of \$180, as set forth under 37 CFR §1.17(p), for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR

- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;  
OR
  - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.

OR

- ☐ before the payment of the issue fee but after the mailing date of the first to occur of either:
- [1] a final action under 37 CFR § 1.113; OR  
[2] a notice of allowance under 37 CFR § 1.311; AND  
in accordance with the requirements of 37 CFR § 1.97(d):  
☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:

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- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND
- ☐ Applicant hereby respectfully petitions for the consideration of the accompanying Information Disclosure Statement under 37 CFR § 1.97(d)(2); AND
- ☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).

☒ Applicant submits that no fee is required for the consideration of the accompanying Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
ENG WHATT TOH et al.

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Dated: January 16, 2002

By: Bradley D. Baugh  
Bradley D. Baugh, Reg. No. P50,368  
Fenwick & West LLP  
Two Palo Alto Square  
Palo Alto, CA 94306  
Tel.: (650) 858-7644  
Fax: (650) 494-1417



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Sheet 1 of 2

FORM PTO-1449  
(REV. 6-89)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney's Docket No.  
20735-05504

Serial No.  
09/981,588

### INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Eng Whatt Toh et al.

Filing Date  
October 16, 2001

Group Art Unit  
2131

### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	4,625,076	11/25/86	Okamoto et al.	178	22.11	03/11/85
	B	5,005,200	04/02/91	Fischer	380	30	03/07/89
	C	5,018,196	05/21/91	Takaragi et al.	380	30	07/05/89
	D	5,157,726	10/20/92	Merkle et al.	380	23	12/19/91
	E	5,388,158	02/07/95	Berson	380	23	11/20/92
	F	5,432,852	07/11/95	Leighton et al.	380	30	07/11/95
	G	5,623,653	04/22/97	Matsuno et al.	395	609	07/25/94
	H	5,689,567	11/18/97	Miyauchi	380	25	11/01/96
	I	5,706,452	01/06/98	Ivanov	395	331	12/06/95
	J	5,734,651	03/31/98	Blakeley et al.	370	392	05/29/96
	K	5,767,847	06/16/98	Mori et al.	345	329	09/21/95
	L	5,825,865	10/12/98	Oberlander et al.	379	211	10/04/91
	M	5,848,248	12/08/98	Kawasaki et al.	395	200.68	11/25/97
	N	5,872,848	02/16/99	Romney et al.	380	25	02/18/97
	O	5,878,398	03/02/99	Tokuda et al.	705	8	03/20/96
	P	5,898,156	04/27/99	Wilfong	235	380	08/29/96
	Q	5,912,974	06/15/99	Holloway et al.	380	51	04/30/97
	R	5,915,024	06/22/99	Kitaori et al.	380	25	06/17/97

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	S	EP0840478A2	06/05/98	EPO	H04L	9/32	N/A	
	T	EP0915436A1	05/12/99	EPO	G07D	9/00	N/A	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

**FORM PTO-1449**  
**(REV. 6-89)**

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney's Docket No.  
20735-05504

Serial No. 09/981.588

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Applicant **Eng Whatt Toh et al.**

Filing Date  
October 16, 2001

Group Art Unit	2131
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

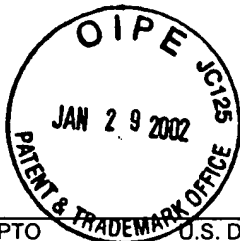
[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

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Gp # 2131

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PTO/SB/21 (modified)  
Approved for use through xx/xx/xx, OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0001/PTO Rev. 10/95  <b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>	U.S. Department of Commerce Patent and Trademark Office	Application Number	09/981,588
		Filing Date	October 16, 2001
		First Named Inventor	Eng Whatt Toh
		Group Art Unit Number	2131
		Examiner Name	Unknown
Total Number of Pages in This Submission	6 *	Attorney Docket Number	20735-05504

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<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/>

REMARKS: \* Does not include pages in reference(s).

SIGNATURE OF ATTORNEY OR AGENT	
Signature:	
Attorney/Reg. No.:	Bradley D. Baugh, Reg. No. P50,368
Dated:	January 16, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.	
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Typed or Printed Name:	Bradley D. Baugh
Dated:	January 16, 2002
Express Mail Mailing Number (optional):	